

**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Akifumi KAMIJIMA

Application No.: New Divisional of Application No. 09/369,253

Filed: February 19, 2002

Docket No.: 103977.01

For: THIN FILM MAGNETIC HEAD AND  
METHOD OF MANUFACTURING THE SAME

**PRELIMINARY AMENDMENT**

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 17, lines 5-13, delete current paragraph and insert therefor:

For example, if the saturated magnetic flux density of the main magnetic film 224 is larger than that of the subsidiary magnetic film 225, the high frequency recording characteristic can be improved. In this case, the subsidiary magnetic film 225 is made of a permalloy having a composition of Ni(80%)-Fe(20%) and the main magnetic film 224 is made of a permalloy having a composition of Ni(50%)-Fe(50%). As another means to improve the high frequency recording characteristic, it is effective to make large the resistivity of the main magnetic film 224 than that of the subsidiary magnetic film 225.

REMARKS

Claims 13-19 are pending. By this Preliminary Amendment, the specification is amended. No new matter is added. Prompt and favorable examination on the merits is respectfully requested.

The attached Appendix includes a marked-up copy of the rewritten paragraph (37 C.F.R. §1.121(b)(1)(iii)).

Respectfully submitted,



James A. Oliff  
Registration No. 27,075

Eric D. Morehouse  
Registration No. 38,565

JAO:EDM/gam

Attachment:  
Appendix

Date: February 19, 2002

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

**DEPOSIT ACCOUNT USE  
AUTHORIZATION**

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## APPENDIX

## Changes to Specification:

The following is a marked-up version of the amended paragraph:

Page 17, lines 5-13:

For example, if the saturated magnetic flux density of the main magnetic film 224 is larger than that of the subsidiary magnetic film 225, the high frequency recording characteristic can be improved. In this case, the subsidiary magnetic film 225 is made of a permalloy having a composition of Ni(80%)-Fe(20%) and the main magnetic film 224 is made of a permalloy having a composition of Ni(50%)-Fe(50%). As another means to improve the high frequency recording characteristic, it is effective to make large the resistivity of the main magnetic film 224~~225~~ than that of the subsidiary magnetic film 225.